

APPENDIX C

Summary of Project Mitigation Measures

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Resource Mitigated	Mitigation Description	Responsible Party	Mitigation Timeframe
Noise	(1) Construction would only be permitted between 8:00 am to 6:30 pm, Monday through Friday. (2) Equipment would be operated with appropriate muffling technologies.	Placer County	(1, 2) Conducted throughout project construction.
Vegetation and Wildlife	(1) Tree removal survey and plan would be developed for approval by TRPA. (2) Trees not scheduled for removal and areas of sensitive vegetation would be fenced to avoid impacts. (3) Riparian trees and shrubs which require removal would be transplanted or used as cuttings within the revegetation effort. (4) Areas of bare and disturbed soil would be revegetated and monitored for two years. (5) A qualified biologist would survey area for bird nests and establish protective buffer if construction would occur during active nesting season.	Placer County	(1) Survey and Plan would be submitted prior to construction. (2, 5) Vegetation and bird nest protection would occur throughout project, as needed. (3, 4) Revegetation would begin as soon as possible after construction.
Special Status Species	(1) Additional field surveys and consultation with biologist would be conducted to further assure no impacts to special status species. (2) If any special status species is discovered within the project area in the future, a qualified biologist would be notified and mitigation would be planned. (3) Sensitive areas not designated for restoration would have protective fencing. (4) Construction activities in stream channels would be conducted during the dry season.	Placer County	(1) Surveys and consultations would occur prior to construction. (2, 3, 4) Protection of any discovered special status species, fencing of sensitive areas, and avoidance of working in waters would all be conducted throughout the project.
Traffic	(1) Traffic study and Traffic Management Plan would be conducted for approval by TRPA and Placer County. (2) Appropriate signage, flaggers, calming devices, and alternative routes would be utilized. (3) Local residents would be informed of traffic detours and construction schedules through the distribution of flyers.	Placer County	(1) Traffic study and Plan would be submitted prior to construction. (2) Traffic control methods would be utilized throughout project. (3) Prior to and during construction, if necessary.
Water Resources and Quality	(1) A SWPPP would be prepared to detail water pollution prevention strategies. (2) Revegetation will be conducted on bare and disturbed soils. (3) BMPs for soil erosion, and drain inlet and channel outlet protection would be utilized and regularly inspected. (4)	Placer County	(1) SWPPP would be prepared prior to construction. (2) Revegetation would begin as soon as possible after construction. (3, 4)

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	Construction in stream channels would be limited to the dry season. If water is encountered during construction, it would be temporarily diverted.		BMPs, inspections, and avoidance of working in waters would be conducted throughout project.
Soils	(1) Low impact equipment would be used to minimize compaction. (2) Top 6 to 12 inches of soil would be loosened after grading. (3) Areas not receiving restoration would be fenced to prohibit construction traffic, and compaction levels will be monitored throughout project area. (4) Temporary BMPs will be utilized to reduce soil erosion and compaction.	Placer County	(1, 3, 4) Low impact equipment, protective fencing, compaction monitoring, and erosion and compaction BMPs would be utilized throughout project. (2) Soil loosening would be conducted after completion of grading.
Air Quality	(1) A Dust Control Plan would be prepared for review by Placer County to detail project strategies for minimizing fugitive dust. (2) Emissions from construction equipment would be minimized by using low emissions or clean fuel equipment, limiting idling, and employing regular equipment maintenance. (3) During clearing, demolition, earth moving, excavation operations, or grading, fugitive dust emissions would be controlled by regular watering. The site would be sprinkled several times daily with an even distribution of water, as needed, to keep the surface moistened to a depth of two to three inches, but would not be watered to the point of saturation. (4) All dust, dirt, and mud deposited by vehicles and equipment on paved surfaces would be removed by vacuum trucks, street sweepers, and/or brooms, as needed, but at a minimum, no later than at the end of each day.	Placer County	(1) Dust Control Plan would be submitted (if required) prior to construction. (2) Emission reduction strategies would be used throughout project. (3) Watering of site would be used throughout earth moving operations. (4) Sediment deposition upon paved surfaces would be monitored throughout the project.
Cultural Resources	(1) All known sites and finds shall be identified and flagged by a cultural resources specialist prior to construction activities. These flagged areas would be appropriately avoided and/or protected to maintain their historical character. Any work conducted in the vicinity of the known sites will be monitored by a qualified archaeologist in accordance with the USFS memo dated May	Placer County	(1) Known resources would be identified prior to construction. During construction an archaeologist would monitor project activities in the vicinity of the resource.

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	14, 2008 (Appendix F). Should any cultural resource materials be uncovered during construction activities, work would be stopped in the immediate area and a qualified archeologist would be contacted. The archaeologist would inspect the new finds and determine appropriate measures to take before construction activities are allowed to restart in accordance with 36 CFR 800.13.		
Hazardous, Toxic, and Radiological Waste	(1) Hazardous Material Spill Prevention and Containment Plan would be created to detail project strategies. (2) Construction areas would be isolated and treated with appropriate BMPs to prevent waste from contaminating surface waters.	Placer County	(1) Plan would be submitted prior to construction. (2) BMPs would be utilized throughout construction.